

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
 Data File : VU054624.D
 Acq On : 20 Jun 2023 20:48
 Operator : MD/SY
 Sample : 03326-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA36

Quant Time: Jun 21 04:05:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 21 04:02:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

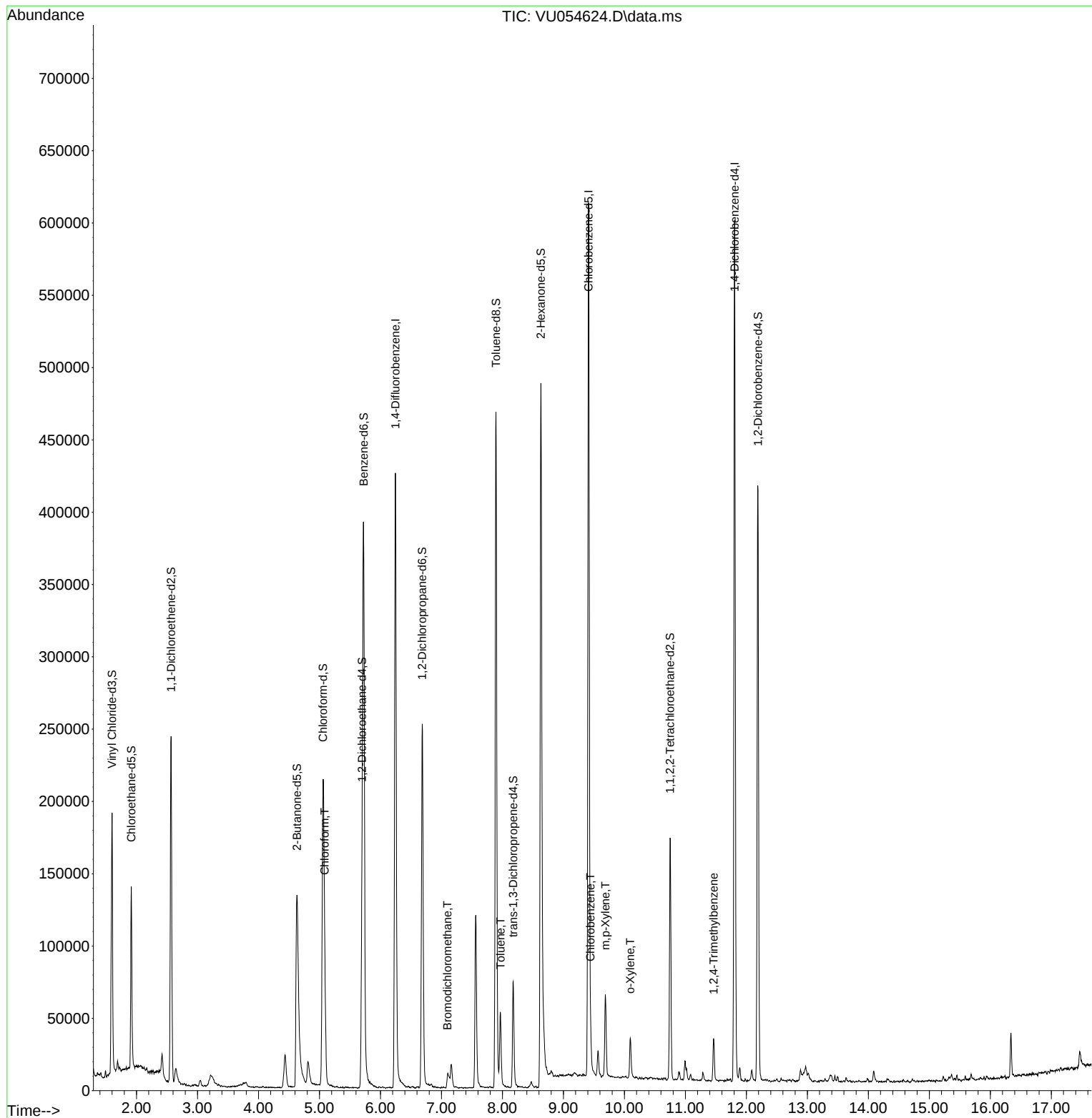
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	334271	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	323239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	121936	5.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.600%
7) Chloroethane-d5	1.914	69	94622	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.567	65	48082	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.631	46	255860	42.778	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.560%
24) Chloroform-d	5.058	84	182321	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.698	65	90491	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.724	84	362080	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.685	67	125135	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	307782	3.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	43153	4.135	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.631	63	163281	37.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87100	3.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	106554	4.137	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
25) Chloroform	5.084	83	68115	1.334	ug/L	98
38) Bromodichloromethane	7.100	83	5182	0.146	ug/L	93
42) Toluene	7.968	91	35990	0.301	ug/L	96
51) Chlorobenzene	9.444	112	10841	0.145	ug/L	92
53) m,p-Xylene	9.688	106	15331	0.319	ug/L	90
54) o-Xylene	10.097	106	6982	0.150	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	16536	0.179	ug/L	97

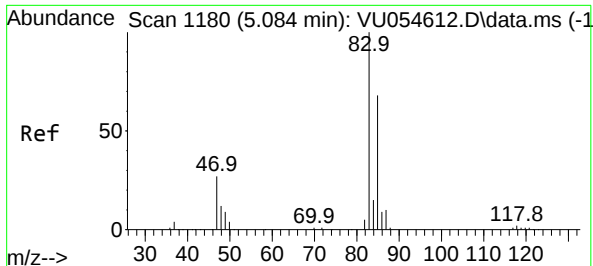
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 21 04:02:18 2023
Response via : Initial Calibration





#25

Chloroform

Concen: 1.334 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054624.D

Acq: 20 Jun 2023 20:48

Instrument :

MSVOA_U

ClientSampleId :

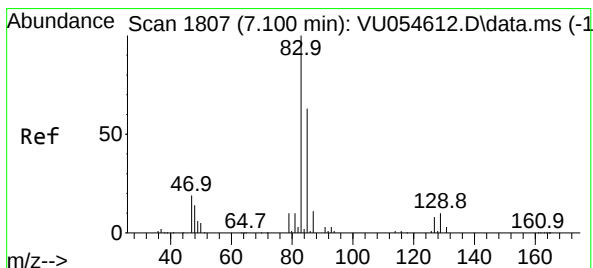
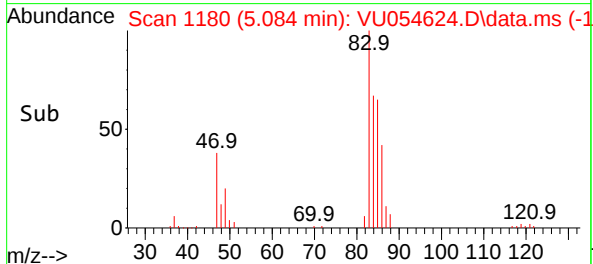
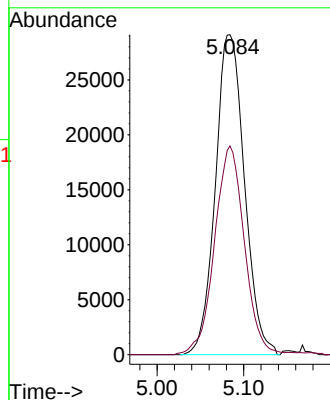
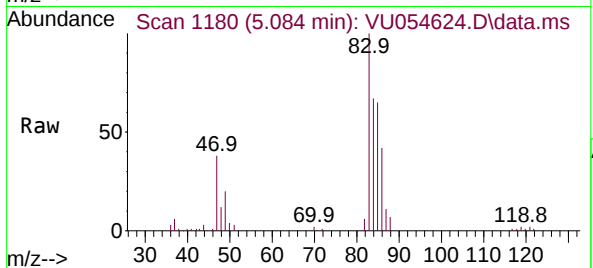
GCA36

Tgt Ion: 83 Resp: 68115

Ion Ratio Lower Upper

83 100

85 65.3 44.7 82.9



#38

Bromodichloromethane

Concen: 0.146 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU054624.D

Acq: 20 Jun 2023 20:48

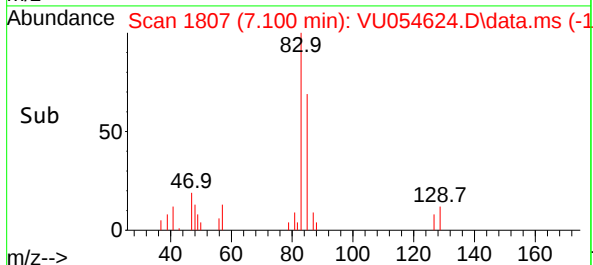
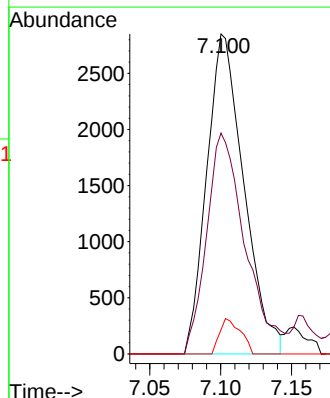
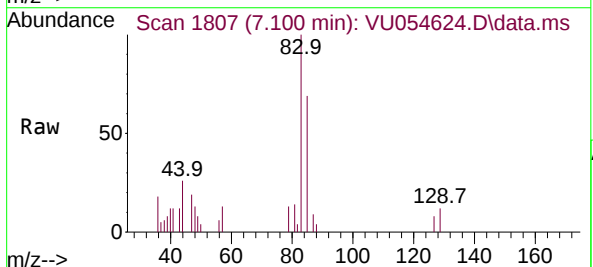
Tgt Ion: 83 Resp: 5182

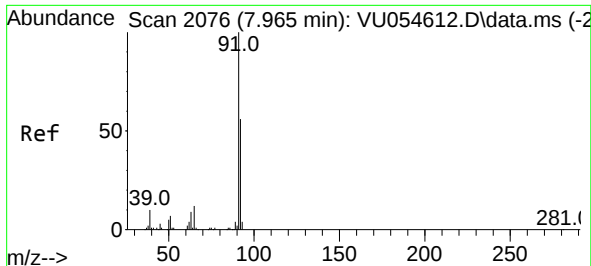
Ion Ratio Lower Upper

83 100

85 69.0 44.1 81.9

127 7.5 6.6 10.0





#42

Toluene

Concen: 0.301 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054624.D

Acq: 20 Jun 2023 20:48

Instrument :

MSVOA_U

ClientSampleId :

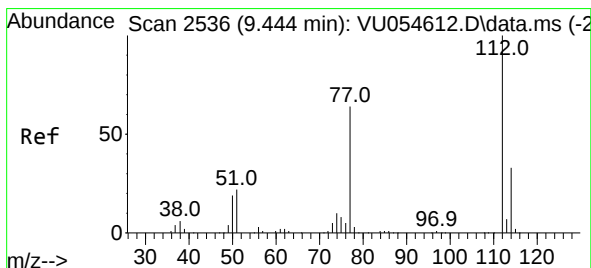
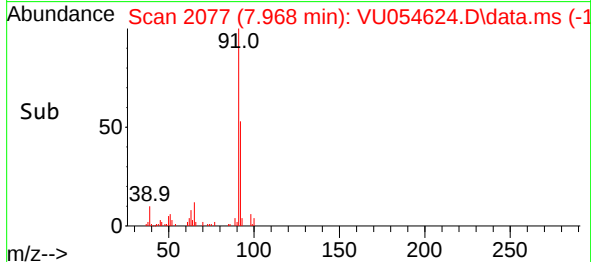
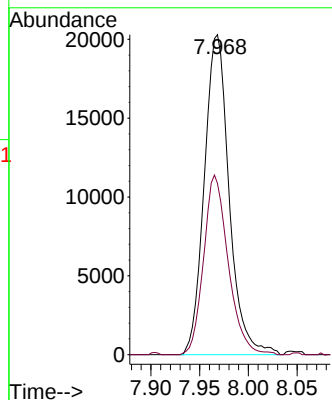
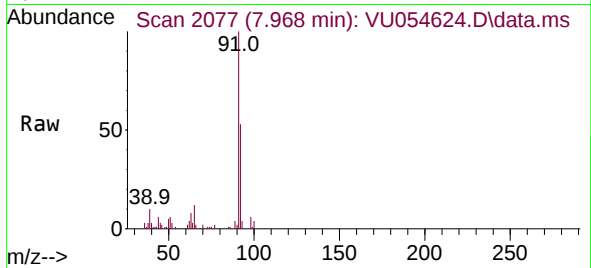
GCA36

Tgt Ion: 91 Resp: 35990

Ion Ratio Lower Upper

91 100

92 53.5 39.5 73.4



#51

Chlorobenzene

Concen: 0.145 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU054624.D

Acq: 20 Jun 2023 20:48

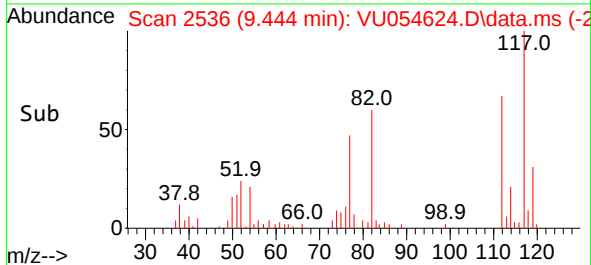
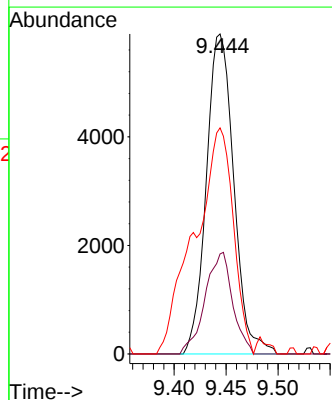
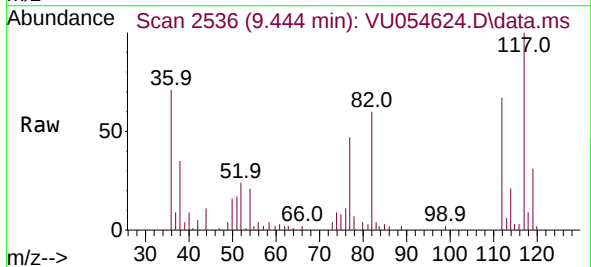
Tgt Ion: 112 Resp: 10841

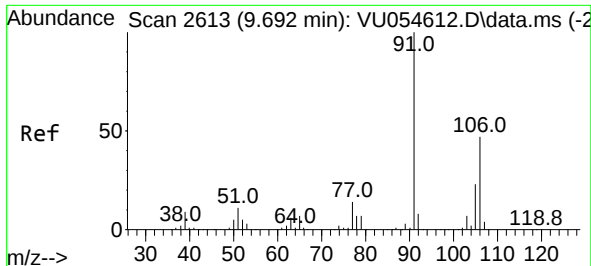
Ion Ratio Lower Upper

112 100

114 31.2 22.7 42.1

77 70.6 49.8 74.8

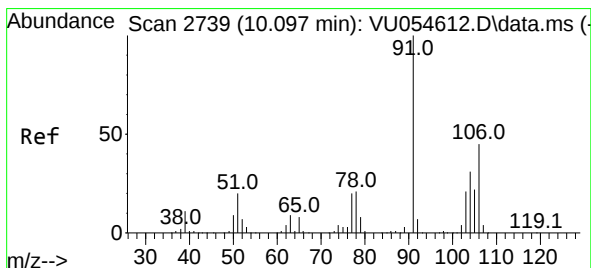
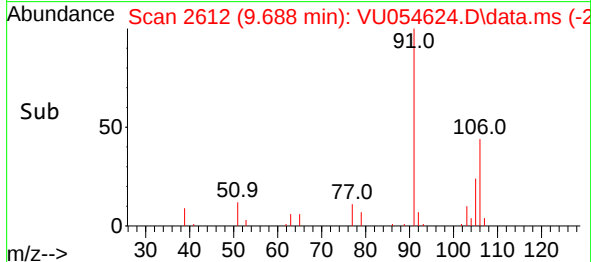
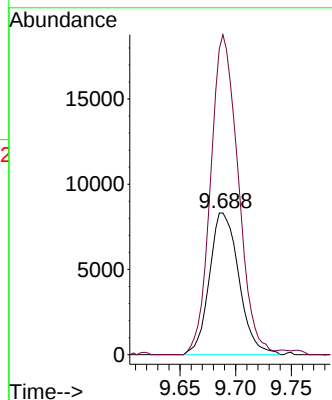
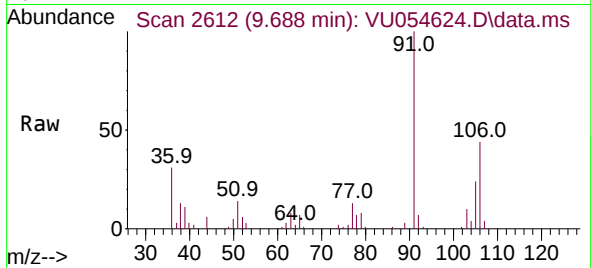




#53
m,p-Xylene
Concen: 0.319 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU054624.D
Acq: 20 Jun 2023 20:48

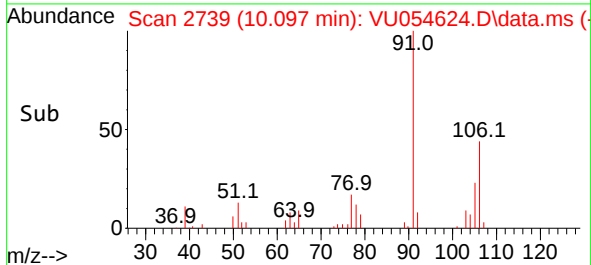
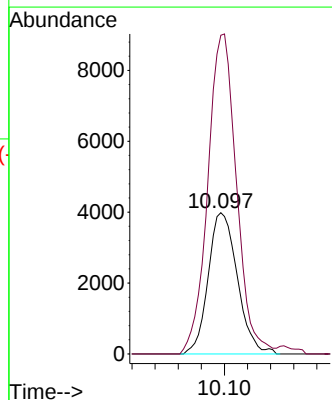
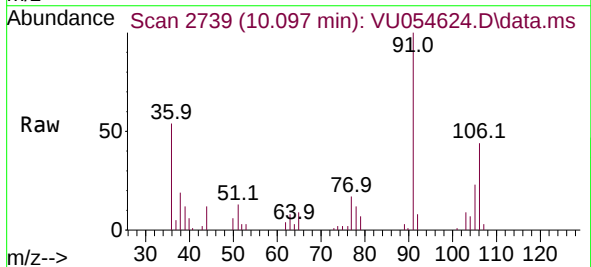
Instrument :
MSVOA_U
ClientSampleId :
GCA36

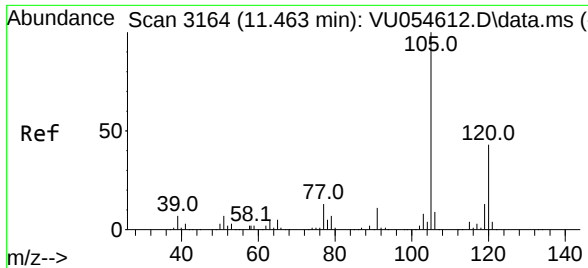
Tgt Ion:106 Resp: 15331
Ion Ratio Lower Upper
106 100
91 225.6 147.0 273.0



#54
o-Xylene
Concen: 0.150 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU054624.D
Acq: 20 Jun 2023 20:48

Tgt Ion:106 Resp: 6982
Ion Ratio Lower Upper
106 100
91 225.5 154.5 286.9





#63
 1,2,4-Trimethylbenzene
 Concen: 0.179 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU054624.D
 Acq: 20 Jun 2023 20:48

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA36

Tgt Ion:105	Resp:	16536
Ion Ratio	Lower	Upper
105	100	
120	42.3	35.4 53.0

